

TWIN COIL CLAW POLE ROTOR WITH FIVE-PHASE STATOR  
WINDING FOR ELECTRICAL MACHINE

ABSTRACT

A dynamoelectric machine including a stator including a stator winding consisting of five phases inserted in a plurality of slots defining the stator; and a rotor rotatable within the stator, a rotor composed of more than two flux carrying segments, each segment having  $P/2$  claw poles, wherein  $P$  is an even number.